Electronic Aci	knowledgement Receipt			
EFS ID:	5803927			
Application Number:	10804835			
International Application Number:				
Confirmation Number:	7125			
Title of Invention:	CRYPTOGRAPHIC PAIRING-BASED SHORT SIGNATURE GENERATION AND VERIFICATION			
First Named Inventor/Applicant Name:	Ramarathnam Venkatesan			
Customer Number:	22801			
Filer:	Kasey C. Christie/Anna Goforth			
Filer Authorized By:	Kasey C. Christie			
Attorney Docket Number:	MS1-1286US			
Receipt Date:	30-JUL-2009			
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Application Type:	Utility under 35 USC 111(a)			
Payment information:				
Submitted with Payment	yes			
Payment Type	Credit Card			
Payment was successfully received in RAM	\$1510			
RAM confirmation Number	4488			
Deposit Account				
Authorized User				
File Listing:				

File Name

File Size(Bytes)/ Message Digest Multi

Part /.zip (if appl.)

Pages

Document

Number

Document Description

1		J18419.PDF	79127	yes	2		
·		310413.1.51	40x0b2005c68c86638548eb31bee30f2b29 ad.ldd				
	Multipart Description/PDF files in .zip description						
	Document Description		Start	End			
	Miscellaneous Incoming Letter		1	1			
	Issue Fee Payment (PTO-85B)		2	2			
Warnings:							
Information:							
2	Fee Worksheet (PTO-875)	fee-info.pdf	30380	no	2		
	100 110110110110110110110110110110110110	100 1110 110	c863c704ef062c4e2ff3ec32674aba92756cc f4f		1		
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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.